

CLASSIFIED MESSAGE

DATE 1610Z 06 AUG 63

~~TOP SECRET~~  
RUFF

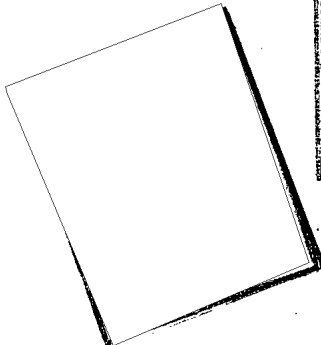
ROUTING			
1		4	
2		5	
3		6	

*FKH*

ROUTINE 50X1

IN 86277

TO : OPCEN  
FROM : AFSSO DIA PROD CTR  
ACTION: *OSA/TCO 1-12*  
INFO : TOR 0022Z 07 AG 63



TO ~~TOP SECRET~~ INFO CITE 50X1  
RUFF THIS IS A MSG HANDLE VIA TALENT

KEYHOLE CONTROL SYSTEM. RELEASABLE FROM SSO CHANNELS. FROM DIAAP-1FI 2686-3. REFERENCE SAC TCO 63T-635. THIS MSG IN III PARTS. PART I. THE POSSIBILITY THAT THE MISSILE IS HELD ON PAD AT TYPE IID SITES SUCH AS GLADKAYA NR 3 AND YURA 8. HAS BEEN AND IS BEING CONSIDERED. THIS TYPE OF OPERATION WOULD BE ANALOGOUS TO THE U.S. SOFT ATLAS CONFIGURATION IN WHICH THE MISSILE IS HELD HORIZONTALLY AT THE LAUNCHER IN A READY BUILDING WHICH HOUSES THE MISSILE ON AN ERECTOR BED, THE MAINTENANCE MONITORING EQUIPMENT, THE PROPELLANT LOADING EQUIPMENT AND THE LAUNCH PAD WITH ASSOCIATED EQUIPMENT. THE SOFT ATLAS READY BUILDING IS APPROXIMATELY 150° X 35° AND HAS AN ELABORATE MECHANISM TO SLIDE THE ROOF BACK ON FRAME GIRDERS WHICH EXTEND TO THE REAR OF THE BUILDING. HOWEVER LENGTH OF THE BLACK OBJECT OBSERVED ON THE PADS OF SOVIET IID AND OTHER TYPE II SITES IS APPROXIMATELY 100 FEET. THIS DIMENSION TENDS TO NEGATE AN ON PAD READY BUILDING FUNCTION SIMILAR TO THE U.S. SOFT ATLAS CONFIGURATION SINCE THE SS7 MISSILE IS ESTIMATED TO BE AT LEAST 114

DOCUMENT NO. *59*  
NO CHANGE IN CLASS. ☐  
☐ DECLASSIFIED  
CLASS. CHANGED TO: TS *D-2011*  
NEXT REVIEW DATE:  
AUTH: HR 70-2  
DATE: *156981*

~~TOP SECRET~~  
RUFF

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

IN 86277 DIA 2686-3

T O P S E C R E T RUFF PAGE TWO

FEET LONG WITH NOSE CONE ASSEMBLY. 30 TO 40 ADDITIONAL FEET WOULD BE REQUIRED TO HOUSE THE LAUNCH PAD AND ASSOCIATED EQUIPMENT. FURTHERMORE THE FRAMEWORK OR MECHANISM FOR SLIDING BACK THE DOOR HAS NOT BEEN OBSERVED. THE POSSIBILITY IS NOT OVERLOOKED THAT A LESS ELABORATE FACILITY MAY BE EMPLOYED TO HOLD THE MISSILE AT THE PAD. A TEMPORARY SHELTER OR STRUCTURE SIMILAR TO THE READY TENTS USED IN CUBA COULD BE EMPLOYED AT THE PADS. THIS WOULD ENABLE THE SOVIETS DURING PERIODS OF ALERT TO HOLD THE MISSILE HORIZONTALLY AT THE LAUNCHER FOR PROLONGED PERIODS. THIS WOULD IN EFFECT BE A CHEAP DUPLICATE OF OUR SOFT ATLAS MODE OF OPERATION. HOWEVER, IT IS NOTED THAT IID SITES, YURA 8 FOR EXAMPLE, HAVE AN INCREASED READY BUILDING CAPABILITY TO THE IMMEDIATE REAR OF THE LAUNCH AREA. THIS TENDS TO INDICATE THE MISSILE IS HELD IN THESE READY BUILDINGS UNTIL REQUIRED ON PAD. THE ABSENCE OF A LOOP ROAD PATTERN IN FRONT OF THE PADS IN IID SITES REPRESENTS A MODIFICATION, HOWEVER IT IS NOTED THAT THE PAD AREA AND SHAPE HAVE BEEN ALTERED. IT'S 450' X 200' DIMENSION APPEARS ADEQUATE TO PERMIT MOBILE MODULAR EQUIPMENT AND THE MISSILE TRANSPORTER TO U TURN ON THE PAD AREA RATHER THAN CIRCLING AROUND THE LOOP ROAD. ANALYSIS OF THE CANTED BUILDINGS IMBOARD OF THE LAUNCH PADS INDICATES THEIR FUNCTION MAY BE TO HOUSE PROPELLANT LOADING FACILITIES AND/OR OTHER LAUNCH SERVICING EQUIPMENT. THE CONDUIT CONNECTION BETWEEN THE LAUNCH PAD AREAS CAN BE DISCERNED HOWEVER THE TIE IN WITH THESE BUILDINGS IS NOT AS APPARENT.

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PART II. THE PLUS CONFIGURED AREA NOTED APPROXIMATELY 1400° BEHIND THE OLD IIC TYUMEN SITES AND THE NEWER IID CONFIGURATIONS APPEARS TO CONSIST OF THREE SMALL STRUCTURES POSITIONED AT THE END OF A PLUS ROAD PATTERN. THE SYMETRY OF ARRANGEMENT SUGGESTED AN ELECTRONICS FACILITY POSSIBLY GUIDANCE ASSOCIATED. IT IS ESTIMATED THAT THE SS7 MAY REQUIRE RADIO ASSIST FOR YAW CONTROL. HOWEVER ANTENNAS HAVE NOT BEEN OBSERVED ON OR NEAR THESE SMALL STRUCTURES. THE QUALITY OF PHOTOGRAPHY WOULD PRECLUDE THIS DETERMINATION. THE PLUS MAY EQUATE TO A STORAGE AREA. HOWEVER IT IS BELIEVED THE INITIAL SALVO AND THE REFIRE MISSILE WILL BE MAINTAINED IN THE SITE READY BUILDINGS WITH NOSE CONE AND WARHEAD ATTACHED. THE REQUIREMENTS FOR NUCLEAR STORAGE AT EACH SITE WOULD THEREFORE NOT BE CRITICAL. IT IS PROBABLE THAT EACH COMPLEX HAS A CENTRAL NUCLEAR WARHEAD STORAGE AREA TO HOLD SPARE WARHEADS AND PARTS FOR RECYCLING AND MAINTENANCE. THIS FACILITY IS PROBABLY A LARGE BUNKERED STRUCTURE SIMILAR TO THE NUCLEAR STORAGE BUILDING IDENTIFIED IN CUBA. PART III. THE POSSIBILITY THAT THE IID SITES ARE DESIGNED TO HOLD THE MISSILE AT THE LAUNCHER HAS MERIT. HOWEVER BETTER QUALITY COVERAGE WILL BE REQUIRED TO PROPERLY ASSESS THE NATURE AND FUNCTION OF THE OBJECTS SEEN ON THE PAD.

END OF MESSAGE

T O P S E C R E T RUFF